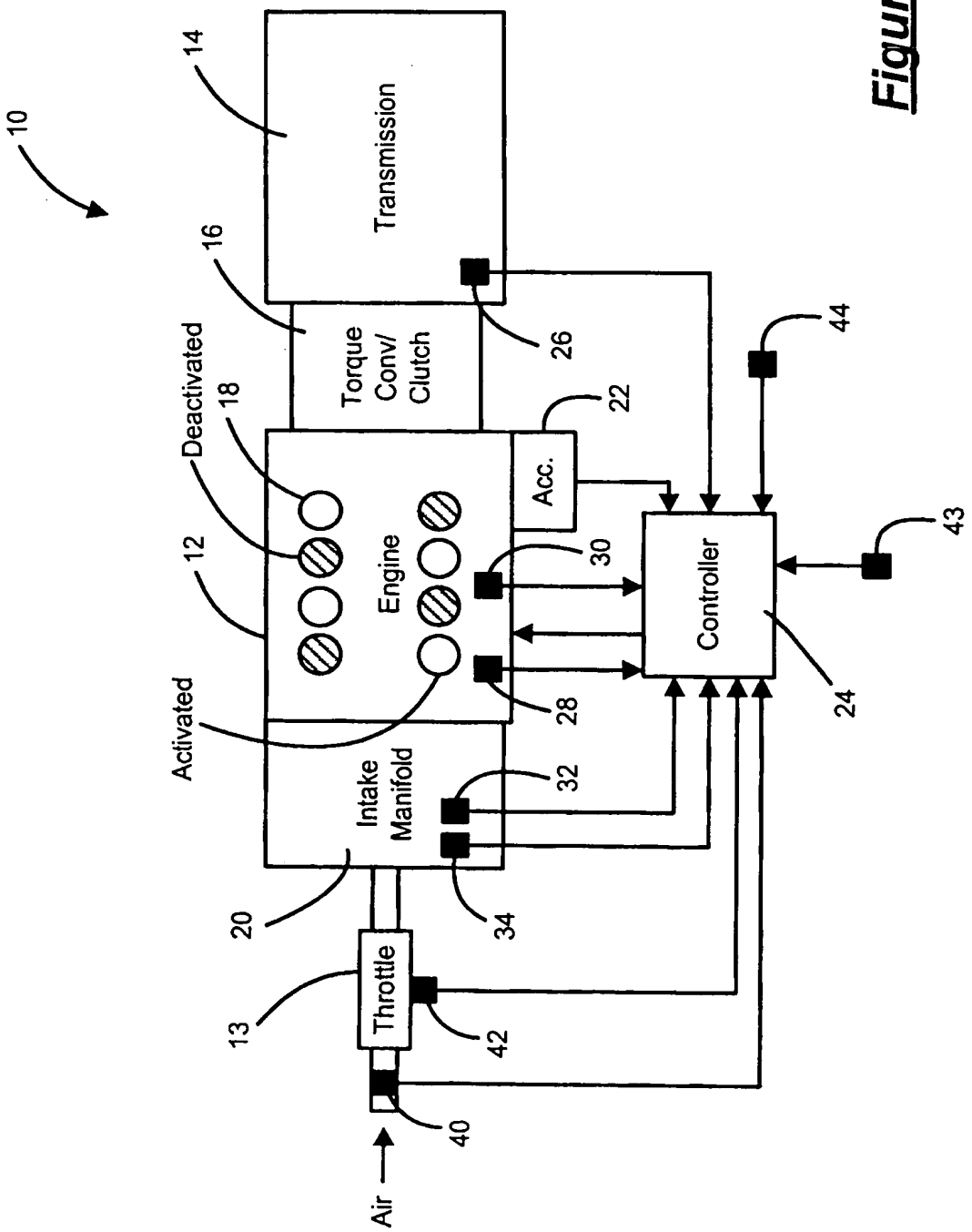
10
14
Transmission
16
Torque Conv/ Clutch
26
Deactivated
18
22
Acc.
44
12
Engine
30
Controller
43
Activated
28
24
Intake Manifold
32
20
34
13
Throttle
42
40
Air

Figure 1

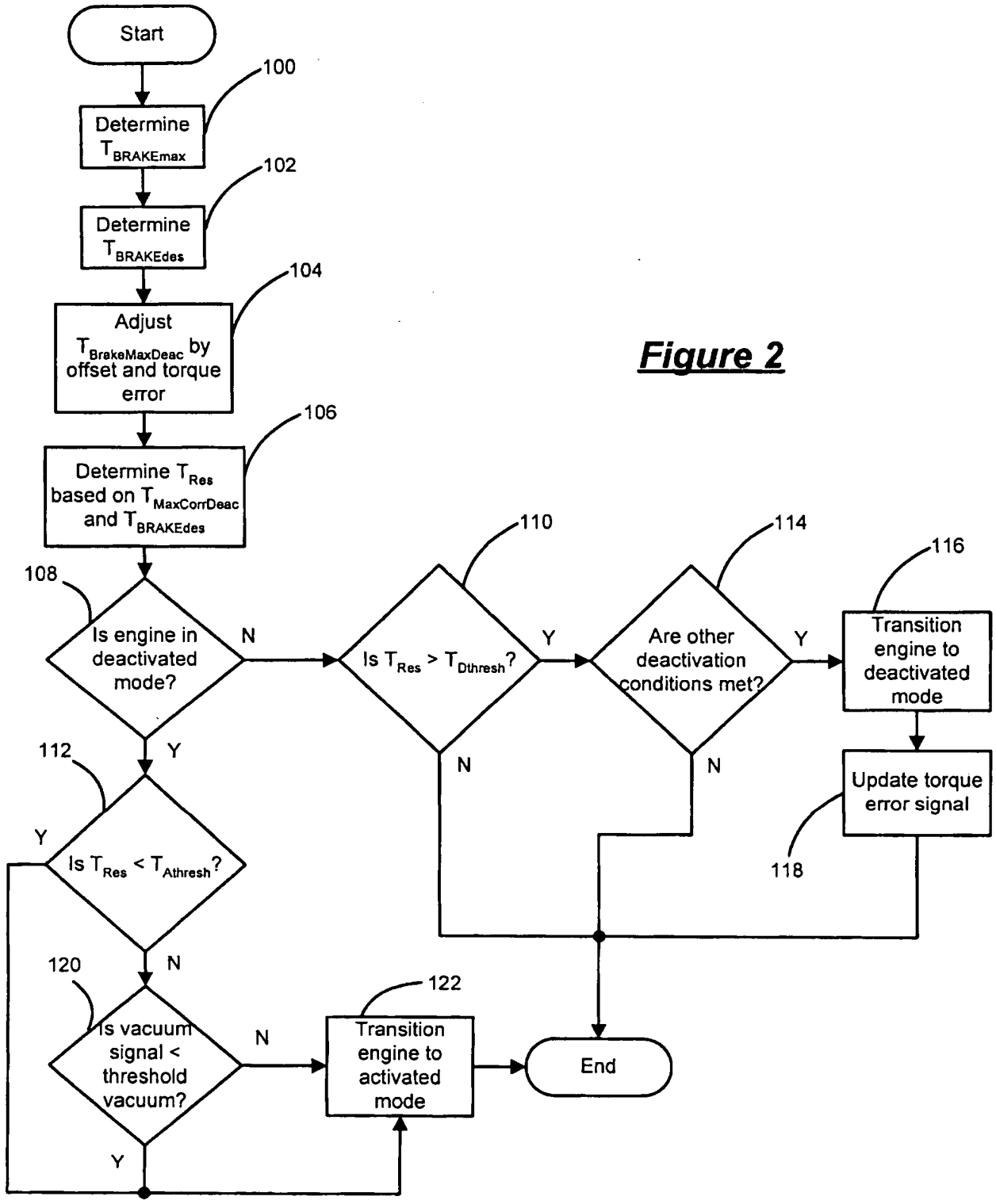
Start
100
Determine $T_{BRAKEmax}$
102
Determine $T_{BRAKEdes}$
104
Adjust $T_{BrakeMaxDeac}$ by offset and torque error
106
Determine T_{Res} based on $T_{MaxCorrDeac}$ and $T_{BRAKEdes}$
108
Is engine in deactivated mode?
N
110
Is $T_{Res} > T_{Dthresh}$?
Y
114
Are other deactivation conditions met?
Y
116
Transition engine to deactivated mode
Update torque error signal
118
N
N
Y
112
Is $T_{Res} < T_{Athresh}$?
Y
N
120
Is vacuum signal < threshold vacuum?
N
122
Transition engine to activated mode
Y
End

Figure 2